

PTO/SB/08A (10-

RECEIVED
APR 03 2002
TECH CENTER 1600/2900

Substitute for form 1449A/PTO				COMPLETE IF KNOWN		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/002,878	
				Filing Date	November 14, 2001	
				First Named Inventor	Albert Sattin	
				Group Art Unit	1653	
				Examiner Name	UNKNOWN	
Sheet	1	of		Attorney Docket Number	30429-CIP	
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document Kind Code Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
018		3,737,549		N.P. Plotnikoff	06/05/1973	
		3,932,623		I.C. Wilson	01/13/1976	
		4,426,378		J.W. Holaday	01/17/1984	
		4,608,365		W.K. Engel	08/26/1986	
		4,788,179		L. Flohe, et al.	11/29/1988	
		4,906,614		H. Giertz, et al.	03/06/1990	
as		5,244,884		A.F. Spatola, et al.	09/14/1993	
Examiner Signature	[Signature]			Date Considered	9/24/02	

F:\Diane\Sattin\CIP-1449form.doc DSN 30429-1001

- 5

Please type a plus sign (+) inside this box



PTO/SB/08B (10-96)

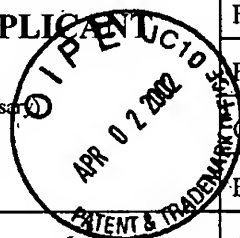
Approved for use through 10-31-99. OMB 0651-003

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no

persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				COMPLETE IF KNOWN		
				Application Number	10/002,878	
				Filing Date	November 14, 2001	
				First Named Inventor	Albert Sattin	
				Group Art Unit	1653	
Examiner Name	UNKNOWN					
Sheet	2	of	6	Attorney Docket Number		30429-CIP



APR 03 2002
 RECEIVED
 PATENT & TRADEMARK OFFICE

RECEIVED

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
As		AKINSANYA, K.O., et al., "Gonadal Steroids Regulate Rat Anterior Pituitary Levels of TSH-Releasing Hormone- and Pyroglutamyl-Glutamyl-Proline Amide-Like Immunoreactivity", <i>Endocrinology</i> , 1995, pp. 734-740, Vol. 136, No. 2, The Endocrine Society	
		AKINSANYA, K.O., et al., "In vivo and in vitro effects of dexamethasone on pituitary thyrotrophin-releasing hormone-like peptide concentrations in the rat", <i>Journal of Endocrinology</i> , 1995, pp. 333-341, Vol. 145, Journal of Endocrinology, Ltd., Great Britain	
		ASHWORTH, R.J., et al., "The effects of pyroglutamylglutamylprolineamide, a peptide related to thyrotropin-releasing hormone, on rat anterior pituitary cells in culture", <i>Journal of Endocrinology</i> , 1994, pp. 111-118, Vol 142, Issue 1 (CAPLUS)	
		BAUER, MICHAEL, et al., "Subjective response to and tolerability of long-term supraphysiological doses of levothyroxine in refractory mood disorders", <i>Journal of Affective Disorders</i> , 2001, pp. 35-42, Vol. 64, Elsevier Science, B.V.	
		CALLAHAN, A.M., et al., "Comparative Antidepressant Effects of Intravenous and Intrathecal Thyrotropin-Releasing Hormone: Confounding Effects of Tolerance and Implications for Therapeutics", <i>Biological Psychiatry</i> , 1997, pp. 264-272, Vol. 41, Society of Biological Psychiatry	
		CHEN, Y.F., et al., "Production and Characterization of Antisera to Synthetic Thyrotropin-releasing Hormone (TRH)", <i>The Journal of Histochemistry and Cytochemistry</i> , 1982, pp. 926-931, Vol 30, No. 9, The Histochemical Society, Inc., USA	
As		GERSHENGORN, M.C., et al., "Molecular and Cellular Biology of Thyrotropin-Releasing Hormone Receptors", <i>Physiological Reviews</i> , January, 1996, Vol. 76, No. 1, The American Physiological Society, USA	

Examiner Signature	<i>Amish Gupta</i>	Date Considered	2/29/02
--------------------	--------------------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

F:\Diane\Sattin\cip-1449form-2-pat.doc DSN 30429-1001

¹ Unique citation designation number. 2. Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box



PTO/SB/08B (10-96)

Approved for use through 10-31-99. OMB 0651-003

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				COMPLETE IF KNOWN		
				Application Number	10/002,878	
				Filing Date	November 14, 2001	
				First Named Inventor	Albert Sattin	
				Group Art Unit	1653	
				Examiner Name	UNKNOWN	
Sheet	3	of	6	Attorney Docket Number		30429-CIP

RECEIVED
 APR 03 2002
 PATENT & TRADEMARK OFFICE
 CENTER 1600/2900

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
os		GREEN, C.M., et al., "Stimulating Effect of Pyroglutamylglutanylproline-amide, a Prostatic, TRH-Related Tripeptide, on Mouse Sperm Capacitation and Fertilizing Ability In Vitro", <i>Molecular Reproduction and Development</i> , 1994, pp. 215-221, Vol. 38, Wiley-Liss, Inc.	
		HEUER, H., et al., "Expression of Thyrotropin-Releasing Hormone Receptor 2 (TRH-R2) in the Central Nervous System of Rats", <i>The Journal of Comparative Neurology</i> , 2000, pp. 319-336, Vol. 428, Wiley-Liss, Inc.	
		HORITA, A., "An Update on the CNS Actions of TRH and Its Analogs", <i>Life Sciences</i> , 1998, pp. 1443-1448, Vol. 62, Nos. 17/18, Elsevier Science Inc., USA	
		KLOOTWIJK, W., et al., "High Serum Levels of Thyrotropin-Releasing Hormone-Like Peptide Pyroglutamyl-Glutamyl-Prolineamide in Patients with Carcinoid Tumors", <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996, Vol. 81, No. 8, The Endocrine Society, USA	
		KLOOTWIJK, W., et al., "Urinary excretion of the TRH-like peptide pyroglutamyl-glutamyl-prolineamide in rats", <i>Journal of Endocrinology</i> , 1997, pp. 411-421, Vol. 153, Journal of Endocrinology, Ltd., Great Britain	
		LLOYD, R.L., et al., "Antidepressant Effects of a Stable Analogue of Thyrotropin Releasing Hormone in a Rodent Model of Depression", <i>Society for Neuroscience Abstracts</i> , October 25-20, 1997, pg. 1661, Vol. 23, Part 2, New Orleans, LA.	
os		LLOYD, R.L., et al., "Antidepressant effects of thyrotropin-releasing hormone analogues using a rodent model of depression", <i>Pharmacology, Biochemistry and Behavior</i> , 2001, pp. 15-22, Vol. 70, Elsevier Science Inc.	

Examiner Signature		Date Considered	9/29/03
--------------------	--	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\\DMDOCS\ Diane\Sattin\1449form-2-pg2-pat.doc DSN 30429-1001

¹ Unique citation designation number. 2. Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box



PTO/SB/08B (10-96)

Approved for use through 10-31-99. OMB 0651-003

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

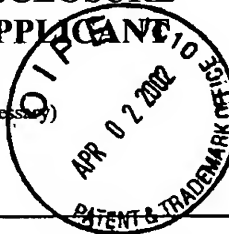
Under the Paperwork Reduction Act of 1995, no

persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				COMPLETE IF KNOWN	
				Application Number	10/002,878
				Filing Date	November 14, 2001
				First Named Inventor	Albert Sattin
				Group Art Unit	1653
				Examiner Name	UNKNOWN
Sheet	4	of	6	Attorney Docket Number	30429-CIP

RECEIVED

APR 03 2002
FBI CENTER 1600/2800



OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
ay		MABROUK, M.M., et al., "Evaluation of the Behavioural Effects of a Novel Thyrotrophin-Releasing Hormone (TRH)-Like Peptide (pGlu-Glu-ProNH ₂ , EEP) in the Rat", <i>British Journal of Pharmacology</i> , 1993, p. 178, Vol. 110 ABSTRACT ONLY	
		MARANGELL, L.B., et al., "Effects of Intrathecal Thyrotropin-Releasing Hormone (Protirelin) in Refractory Depressed Patients", <i>Arch Gen Psychiatry</i> , March, 1997, pp. 214-222, Vol. 54	
		<i>The Merck Manual, Sixth Edition</i> , 1992, pp. 1464-1465, 1511-1513, Merck Research Laboratories	
		OGAWA, N., et al., "Potential Anti-depressive Effects of Thyrotropin Releasing Hormone (TRH) and Its Analogues", <i>Peptides</i> , 1984, pp. 743-746, Vol. 5, Ankho International, Inc., USA	
		O'LEARY, R., et al., "Thyrotropin-Releasing Hormone", <i>Journal of Neurochemistry</i> , 1995, pp. 953-963, Vol. 65, No. 3, Lipincott-Raven Publishers, Philadelphia, Pennsylvania	
		PATEL, S.V., "Pharmacotherapy of Cognitive Impairment in Alzheimer's Disease: A Review", <i>Journal of Geriatric Psychiatry and Neurology</i> , April, 1995, pp. 81-95, Vol. 8	
		PEKARY, A.E., et al., "Electroconvulsive Seizures (ECS) Increase pGlu-Glu-Pro-NH ₂ (EEP) Levels in Rat Limbic System", <i>Society for Neuroscience Abstracts</i> , October 25-20, 1997, Vol. 23, Part 2, New Orleans, LA.	
		PEKARY, A.E., et al., "Electroconvulsive seizures increase levels of pGlu-Glu-Pro-NH ₂ (EEP) in rat brain", <i>Peptides</i> , 1999, pp. 107-119, Vol. 20, Elsevier Science Inc.	
ay		PEKARY, A.E., et al., "Electroconvulsive seizures modulate levels of thyrotropin releasing hormone and related peptides in rat hypothalamus, cingulate and lateral cerebellum", <i>Brain Research</i> , 2000, pp. 174-183, Vol. 884, Elsevier Science B.V.	

Examiner Signature		Date Considered	9/27/02
--------------------	--	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\\DMDOCS\Diane\Sattin\cip-1449form-2-pg3.doc DSN 30429-1001

¹ Unique citation designation number. 2. Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box



PTO/SB/08B (10-99)
Approved for use through 10-31-99. OMB 0651-003
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				COMPLETE IF KNOWN	
				Application Number	10/002,878
				Filing Date	November 14, 2001
				First Named Inventor	Albert Sattin
				Group Art Unit	1653
				Examiner Name	UNKNOWN
Sheet	5	of	6	Attorney Docket Number	30429-CIP

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
As		PEKARY, A.E., et al., "Hormone Assays", <i>Endocrinology and Metabolism</i> , 4 th Ed., 2001, pp. 91-107, McGraw-Hill, New York, New York	
		PEKARY, A.E., et al., "Predominance of pGlu-His-Pro-Gly among All TRH Precursor Peptides in Rat Limbic Forebrain after Electroconvulsive Seizures", <i>Annals New York Academy of Sciences</i> , 1994, pp. 330-333, Vol. 739	
		PEKARY, A.E., et al., "Regulation of TRH and TRH-related peptides in rat brain by thyroid and steroid hormones", <i>Peptides</i> , 2001, pp. 1161-1173, Vol. 22, Elsevier Science Inc.	
		RONDEEL, J.M.M., et al., "Further studies on the regulation, localization and function of the TRH-like peptide pyroglutamyl-glutamyl-prolineamide in the rat anterior pituitary gland", <i>Journal of Endocrinology</i> , 1995, pp. 293-300, Vol. 146, Journal of Endocrinology, Ltd., Great Britain	
		RONDEEL, J.M.M., et al., "Regulation of the TRH-like peptide pyroglutamyl-glutamyl-prolineamide in the rat anterior pituitary gland", <i>Journal of Endocrinology</i> , 1995, pp. 43-49, Vol. 145, Journal of Endocrinology, Ltd., Great Britain	
		SATTIN, A., M.D., "The Role of TRH and Related Peptides in the Mechanism of Action of ECT", <i>The Journal of ECT</i> , 1999, pp. 76-92, Vol. 15, Issue 1, Lippincott Williams & Wilkins, Inc., Philadelphia, Pennsylvania	
		SATTIN, A., et al., "TRH Gene Products Are Implicated in the Antidepressant Mechanisms of Seizures", <i>Annals New York Academy of Sciences</i> , October 31, 1994, pp. 135-153, Vol. 739	
As		SHUPNIK, M.A., et al., "Thyrotropin (TSH)-Releasing Hormone Stimulates TSH β Promoter Activity by Two Distinct Mechanisms Involving Calcium Influx Through L Type Ca ²⁺ Channels and Protein Kinase C", <i>Molecular Endocrinology</i> , 1996, pp. 90-99, The Endocrine Society	

Examiner Signature	<i>Quish Goyt</i>	Date Considered	<i>9/14/01</i>
--------------------	-------------------	-----------------	----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

F:\Diane\Sattin\1449form-2-pg4-pat.doc DSN 30429-1001

¹ Unique citation designation number. 2. Applicant is to place a check mark here if English language Translation is attached.

RECEIVED

APR 03 2002
600/2900

Please type a plus sign (+) inside this box



PTO/SB/08B (10-96)

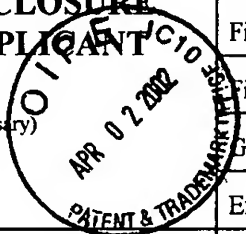
Approved for use through 10-31-99. OMB 0651-003

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no

persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				COMPLETE IF KNOWN		
				Application Number	10/002,878	
				Filing Date	November 14, 2001	
				First Named Inventor	Albert Sattin	
				Group Art Unit	1653	
				Examiner Name	UNKNOWN	
Sheet	6	of	6	Attorney Docket Number		30429-CIP



RECEIVED
 APR 03 2002
 TECH CENTER 1600/2900

RECEIVED

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
ay		SIEVERTSSON, H., et al., "On the Role of the Histidine Moiety in the Structure of the Thyrotropin-Releasing Hormone", <i>Journal of Medicinal Chemistry</i> , 1972, pp. 219-221, Vol., 15, No. 3	
		STERN, R.A., et al., "Antidepressant and Memory Effects of Combined Thyroid Hormone Treatment and Electroconvulsive Therapy: Preliminary Findings", <i>Biological Psychiatry</i> , 1991, pp. 623-627, Vol., 30, Society of Biological Psychiatry	
ay		YU, R., et al., "Desensitization of Thyrotropin-releasing Hormone Receptor-mediated Responses Involves Multiple Steps", <i>The Journal of Biological Chemistry</i> , November 7, 1997, pp. 28301-28307, Vol. 272, No. 45, The American Society for Biochemistry and Molecular Biology, Inc., USA	

Examiner Signature	<i>Amish Gurt</i>	Date Considered	9/22/02
--------------------	-------------------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

F:\Diane\Sattin\cip-1449form-2-pg5-pat.doc DSN 30429-1001

¹ Unique citation designation number. 2. Applicant is to place a check mark here if English language Translation is attached.